BEE JOURNAL

AMERICAN Volume 143, 2003 INDEX

A

CONTRIBUTORS

Abramson, Charles I. - 643 American Association of Professional Apiculturists - 317 American Honey Producers Association - 261 Ayers, George S. — 48, 803, 886 Bernard, S. J. - 819 Berube, Conrad - 384, 474 Berthold, Robert Jr. - 307 Bigalk, M. - 819 Boxiong Zhong - 221 Brandi, Gene — 934 Caron, Dewey M. - 145 Cobey, Susan — 67, 130, 217 Dalby, Richard — 46, 225, 300, 472, 553, 629, 884 deGuzman, Lilia. I. - 410 Delatte, Gary T. — 410, 819 Dinsmore, Steve — 309 Dreeszen, Dave - 867 Dziadyk, Andrew — 34, 205, 305, 380, 543, 769 Elliott, Doug - 795 Elzen, Patti J. — 295, 452, 604, 731, 821 Farmer, Norman - 309 Fert, Gilles — 54, 549 Flores, Alfredo - 368 Fulton, Harry — 358 Ganggiang, Cao - 969 Gardner, Melissa - 982 Gates, John - 489 Green, Valerie - 699 Harbo, R. John — 213 Harper, Charles - 410, 819 Harris, C.E. — 727 Harris, Jeffery - 213 Hasher, Sally - 982 Hayes, Jerry — 59, 112, 189, 277, 365, 449, 529, 614, 689, 747, 868, 944 Hendrickson, Roy — 105, 193 Hicks, Cecil — 303 Hogg, John A. - 285 Hood, Wm. Michael - 405 Hoopingarner, Roger - 445, 695 Hubner, Josh — 145 Iannuzzi, John — 687 James, Ray — 62, 375 Jianke, Li — 221, 398, 969 Jones, Walker A. — 817 Kahkonen, Beth — 982 Kandemir, Irfan — 464 Kanga, Lambert H.B. - 817 Kober, Thomas — 959 Kritsky, Gene — 26, 124, 227, 311, 362, 486, 558, 639, 719, 811, 881, 977 Lensky, Y. — 565 Lorence, Charles and Karen — 545 Lumpkin, DeWayne - 935 Mahrer, Y. - 565 Mangum, Wyatt A. - 42, 121, 210, 292, 377, 456, 555, 621, 707, 791, 860, 956

MacFawn, David E. - 894 Meixner, Marina D. - 982 Melathopoulos, Adony P. — 489 Miller, Gilbert - 405 Münstedt, Karsten — 647 Murphy, Barbara — 941 Ormerod, Kevin — 894 Ott, Jeffrey L. - 869 Page, Robert - 941 Parker, John — 102, 523, 897 Research and Promotion Branch, Fruit and Vegetable Programs - 895 Rinderer, Thomas. E. — 410, 819 Rodriguez, Pedro P. — 39, 207, 727 Sanford, Malcom T. - 289, 480, 717 Schell, Rich — 134, 685, 767 Scott, Howard — 37, 136, 231, 273, 361, 447, 618, 697, 809, 863, 973 Shenglu, Chen — 221, 398 Shepherd, Walter S. — 982 Sollenberger, T'Lee — 56, 127, 196, 297, 527, 607, 692, 777 Songrun, Su -- 221 Spencer, Herb - 975 Stanley, Glen L. — 533, 891 Stevenson, Charlotte - 280 Strange, James P. — 982 Sylvester, H. A. - 819 Szabo, Daniel C. — 798, 876 Szabo, Tibor I. — 798, 876 Taber, Steve — 20, 143, 183, 283, 382, 453, 605, 693 Tarpy, David — 937 Tew, James — 109, 616, 710 Thapa, Ratna — 540 Tontz, Clay — 772, 855, 953 Tubbs, H. — 819 USDA-NASS - 269 Von Georgi, Richard — 647 Weaver, Mary and Bill - 29, 115, 200, 370, 459, 535, 624, 701, 781, 872, 947 Wenning, Carl J. — 22, 139, 185, 394, 483, 632, 713, 787 Williams, Kevin A. — 609 Wineman, E. — 565 Wongsiri, Siriwat — 540 Wood, Marcia — 368 Xianmin, Li - 969

OBITUARIES

Adee, Vernon H. - 263 Ballard, Paul A. - 440 Draper, Bernard A. - 596 Jester, Darrell - 677 Johnson, Carl - 927 Laidlaw, Dr. Harry H. - 847 Park, Homer — 351 Pirker, Henry — 677 Strachan, Donald J. - 846 Warren, Charlie — 700 Wharton, Carroll Curtis — 439

SUBJECT

Acaricide - 489 advertising - 129 Aethina tumida - 405 Africa - 384, 474 African American researcher, Charles Henry Turner - 643 American Beekeeping Federation-91, 92 American Foulbrood - 323, 433 American Honey Producers Association- 261 Anti-dumping - 261, 523 apiary, house - 558 Apicultural Research - 317, 405, 410, 489, 565, 982 Apiculture - 483, 632, 713, 787 Apis cerana - 43, 293, 710 Apis dorsata - 211, 540 Apis laboriosa - 540 Apis mellifera-43, 211, 322, 323, 388, 405, 565, 982 Apis mellifera ruttneri - 471 Apis syriaca - 54 ARS Russian Honey Bees - 410, 819 Australia - 14, 545 Awards & Recognition - 15, 95, 96, 176, 263, 264, 352, 439, 518, 678, 699, 760, 845, 846, 927

Bangladesh - 42, 121, 210, 292, 956 bear-beater beehives - 700 beekeeping-26, 53, 134, 170, 227, 289, 307, 384, 390, 433, 464, 471, 533, 604, 609, 636, 717, 787, 809, 977 beekeeping business-29, 115, 127, 459, 545, 621, 701, 947, 953, 959 beekeeping history - 811 bee balm, Monarda - 193 bee farm - 59 blue orchard - 265 boles - 124 clusters - 698 dead - 361 escapes - 352 food - 368 houses - 124 moving - 956 niches - 124 space - 811 tree - 59 yards - 35, 145 bees, ground - 60 beeswax - 687, 781 candles - 119, 373, 538, 704, 781, 947 hand cream- 119, 785 beetle, Japanese - 48 Bioterrorism Act - 767

Books-Compleat Meadmaker, The - 597 Covered In Honey - 760 Insect Bites and Stings-A Guide to Prevention and Treatment - 761 Making a Beeline-My Journeys in 60 countries 1949-2000 - 761 bottom board - 41, 171 breeding program - 798 brood nest-30 Bryans - 200

Masetti, L.N. - 468

Mayer, D.F. - 563, 732

SUBJECT (cont.)

Florida - 675, 756 Buckwheat honey - 624 Chinese - 935 bulbs, fall-planted - 629 contaminated - 935 Germany - 176 Heartland Apicultural Society - 268, 348, creamed, freeze dried fruit - 372 Burt's Bees - 863 crops - 105, 203, 371, 380, business, honey - 231, 459 exports - 103, 897 Idaho - 755 Illinois - 15, 93, 348, 437, 515, 595 extraction - 447 gifts - 137, 702 gourmet - 947 Canada - 34, 102, 205, 305, 380, 699 cappings, honey - 543, 687 India - 596, 67 Indiana - 15, 93, 173, 268, 755, 756, 924 Iowa - 755, 843 Chile - 382, 453 imports - 102 judging - 535 China - 102 Kansas - 94, 173, 675, 755 Chinese honey - 935 organic - 549 organic - 549 packing - 202, 462 plants - 46, 49-51, 225, 300, 472, 550, 629, 884, 963 marketing - 461, 894 Louisiana - 926 chloramines - 59 Maine - 175 collateral hive - 719 Maryland - 94, 172, 266, 349, 438, 925 colonies-30, 294, 798 Michigan - 174 colony loss - 309, 876 comb-30, 139, 140, 141, 193, 285, 605 Minnesota - 13, 173, 266, 348, 437, 515 pricing - 103, 269, 371, 523 Mississippi - 348, 676, 756, 843 Missouri - 173, 676, 756 Nebraska - 437, 758, 843 complaints - 136 production-143, 269, 285, 462, 565, 605 contaminated honey - 935 Really Raw - 618 sources - 553 thyme - 468 creamed honey - 59 crops, honey-34, 205, 305 New Hampshire - 349, 676, 756 New York - 16, 93, 172, 175, 266, 349, 844, 924, 925 cull cells - 284 yields - 371 North Carolina - 94, 172, 438, 515 North Dakota - 757 hot room - 769 customer service - 129 human health - 398, 647 Ohio - 16, 93, 94, 172, 174, 267, 349 Hunter, Tracy - 700, 781 Oklahoma - 93, 172, 176, 268, 348, 755 Oregon - 13, 94, 172, 516, 595, 675, 676, dead bees - 361 debris, hive - 860 Demaree method - 358 Idaho - 303 756, 843 IPM (Integrated Pest Management) - 297, Pennsylvania - 16, 93, 174, 267, 349, 350, development of a model -803 Draper, Bill - 459 323, 452, 791 438, 757, 843, 924 South Carolina - 516 Insect fogger - 39 infested equipment - 60 South Dakota - 437 Tennessee - 757 Vermont - 94, 172, 266, 438, 515, 596, 676 Virginia - 94, 172, 266, 349, 438 Elzen, Patti - 297 England - 124, 46 inspection, apiary - 294 instrumental insemination - 55 equipment, preparation - 63 insulation, hive - 60 education - 137 international apiculture - 632 West Virginia - 13, 15, 596, 675, 676 equipment, bee - 109, 200 international U.S. Beekeeping Ambassador -Mexico - 795 equipment, repair - 110 Ethiopia - 307, 433 710 Middle East - 53, 897 Iraq - 897 mite population- 214 Europe - 959 miticides - 322 excluder - 20, 198 Moore, Chad - 303 experimenting - 139, 791 Johnston, Don - 115 moving bees - 280, 956 National Honey Board - 10, 90, 91, 169, 177, farming, corporate - 391 King, Alan & JoAnn - 29 258, 259, 762, 934 Farrar, C.L. - 143, 183 feeding bees - 29, 185, 370, 375 Kosher certification - 463 nectar-48, 371 Kosovo - 97 feral colony - 697 fire - 777 neighbors' complaints - 136 Nemesis effect - 480 New Zealand - 545 Fischer's Bee Quick - 777 Laidlaw, Harry - 941 Nicaragua - 549 floral sources - 33, 54 larvae - 139 law - 134, 732 food grade mineral oil - 39, 169, 207, 727, North Dakota - 29 Northern Cyprus - 464 841 food, honey bees - 368 nucs- 193, 375 Nutt, Thomas - 719 foraging - 48, 472 formic acid - 367 Malta - 468 formulas - 185 managementoctagonal hive - 881 foundation mill - 121 comb - 139 organic honey - 549, 685 over-winter - 31, 872, 876 fungal pathogens - 817 commercial - 819 spring - 105 marketing- 373 mating - 67, 130, 132, 217 Mead - 204 Galleria mellonella - 692 package bees-63, 224, 445 gardens- 300 packaging, creative - 115 pesticide - 309, 563, 732 Petty, Kyle - 867 genetics - 963 medications - 32 meetings & courses ~ ABF - 756, 843 AHP - 928 genotype - 290 Ghana - 384, 474 phenotype - 290 glass jar beekeeping - 639 GMO's - 289, 390, 480, 636, 717 grafting - 283 photosynthesis - 886 Alabama - 16, 675, 925 plants-301 American Apitherapy Society - 925 pollen - 394 Apimondia - 926 pollen substitute - 201 Arkansas - 755 pollination-292, 371 California - 16, 175, 267, 348, 516, 596, 676, 757, 844 hive population estimation - 183 products - 463 702 predators - 541 tool - 973 Canada - 350, 438, 516, 595, 758 problems, beekeeping - 533 hives - 32, 311, 362, 469, 719, 811, 860, 881 Chile - 758 publications, beekeeping - 715 Colorado - 437, 926 hobby - 447 honey bee-54, 67, 97, 130, 137, 139, 394, 410, 464, 540, 565, 643, 798, 819 Connecticut - 175, 267, 349, 676, 757 Costa Rica - 675, 758 queen-22, 32, 55, 106, 203, 213, 221, 287, honey-Cuba - 677 370, 382, 453, 460, 937

EAS-Eastern Apicultural Society - 175,

268, 350, 438, 516, 595

buckwheat - 624

business - 231, 704, 894

queen balling - 456

queen rearing- 283

queen finding - 22, 616, 693, 840 Quimby, Roxanne - 863

repair - 110, 869 replacing old comb - 140 requeening-196 research - 604, 643, 714, 895 resistance, tracheal mite - 203 robber bees - 855 Rossman Apiaries, Fred Rossman - 127 royal jelly - 55, 221, 398, 647, 969 Russia - 632, 713, 787

S

Sage - 225 school, bee - 527, 607, 609 Scotland - 124 seed source - 301 senior beekeeping - 809 Sioux Honey Association - 867 skep hives - 311, 362, 486 small hive beetle-14, 727 SMR - 213 solar heating - 565 Spermatheca - 67, 130, 217 splits-89, 195 subtropics - 565 super cracker - 200 supers - 286 swarm prevention- 358 swarms - 89, 377 catching - 365 Syria - 53 systems approach - 804 Szabo, Dr. T. - 183

Tapp, Jack - 370 taxes - 273 terms, beekeeping - 89 thermoregulation - 565 Thymol - 489, 727 tools - 973 tracheal mite- 203 transfer box - 107 Tropilaelaps clareae - 211 tulip tree - 884 Turkey - 464 Turner, Charles Henry - 643

urban beekeeper - 134, 695 USDA - 263 United States - 102, 685 United States Exports - 897

varroa- 295, 410, 555, 707, 798, 959 varroa control- 452, 517, 731, 791, 817, 821,

Varroa destructor- 323, 410, 434, 489, 982 vented bee cover - 439

wax moth-37, 60 wax worm - 37 Webb, Carl and Virginia - 947 weed control - 49 Weslaco Bee Lab - 297 Wiedemann, Marilyn Mayer - 134 winter cluster - 62 wintering - 145, 306, 565, 770



ABC's of Your Hive Tool, The - 973 Advances in Early Beekeeping - 311 Advertising Index - 73, 153, 241, 329, 417. 497, 577, 657, 737, 825, 905, 993 Africans in Mexico- A Bee Hunting Adventure, The - 795 All Fired Up - 777

American Bee Journal 25, 50, 75, 100 Years - 64, 147, 234, 315, 403, 561, 651, 723, 815, 899, 980

Anti-Dumping Gains at Risk - 261 Attack of the Robber Bees - 855 Avoiding Wax Moths - 37

"Babe" Is the Queen Bee of Vancouver Island

Bee Breeding Program of "Pacific Queens" in Chile - 382, Part 2 Conclusion-453 Beekeeping at the 1851 Great Exhibition -

Beekeeping Down Under in New Zealand and Australia - 545

Beekeeping Experience and Developments in Turkey and in Northern Cyprus - 464 Beekeeping in Ethiopia - 307

Beekeeping in the Classroom - 609 Beekeeping in Ghana-Part 1 - 384, Part 2 - 474 Beekeeping in Glass Jars - 639

Beekeeping in Syria - 54 Beekeeping Issues: Varroa Control - 295; 452, 604, 731, 821, 940

Bee Kills From Pesticides and the Expert Witness - 533

Bee Niches and Bee Houses: Confusion Leads to Construction - 124

Bee Police-Chapter Four, The - 56 Bee School Dazz - 527 Bees, Burbs, and the Law - 134

Being an International U.S. Beekeeping Ambassador - 710

Bet Hedging by Honey Bee Queens - 937 Bioterrorism Act and the Beekeeper: What It

All Means, The - 767 Bryans of Ontario-Novel Management & Diversified Marketing, The - 200 Buckwheat Honey - 624

Castle Beekeeping - 26 Classic American Honey Plant: The Tulip Tree, A - 884

Classified Advertising - 70, 149, 237, 326, 494, 570, 654, 734, 822, 902, 986

Classroom, The - 59, 112, 189, 277, 365, 414, 449, 529, 614, 689, 774, 858, 944

Cleaning Cappings the Easy Way and Producing Blue-ribbon Beeswax Blocks -

Cold Truth About Finding Queens, The - 616 Collecting Bee and Honey "Doodads" and Antiques - 953

Commercial Management of ARS Russian Honey Bees - 819

of Two Thymol-based API LIFE VAR® and Comparison of Acaricides. ApiguardTM for the Control of Varroa

Compete to Win! - 535

Contaminated Chinese Honey Puts Sara Lee and Smuckers In Sticky Situation - 935 Cottage Beekeeping and Elaborate Victorian Skeps - 486

Culture of Beekeeping in Russia, The-Part 1 - 632, Part 2 - 713, Part 3 - 787

Dead Bees?-Don't Give Up! - 361

Draper's Super Bee Apiaries-A Unique Pennsylvania Beekeeping Business

E

Edmund Southerne and the Right Use and Ordering of Bees: Sixteenth Century Beekeeping Revisited - 227 Evaluation of ARS Russian Honey Bees in

Combination with Other Methods for the Control of Varroa Mites, An - 410

Evaluation of Commercially Produced Queens That Have the SMR Trait, An -213

Experimenting with Honey Bees: Comb Management - 139

Experimenting with Nucs - 193

straordinary Honey Bee Mating Strategy and A Simple Field Dissection Extraordinary of the Strategy and A Simple Field Dissection of the Spermatheca, The -Part 1, - 67; Part 2 - The Colony as a Superorganism - 130; Part 3 - The Spermatheca - 217

Factors Affecting Royal Jelly Production -

Fall Planted Bulbs for Your Bees - 629

Family Bees - 127

Finding Queens-Part III - 22 Finding Queens-693

Flying Predators of the Giant Honey Bees; Apis dorsata and Apis laboriosa in Nepal -

Food Grade Mineral Oil (FGMO) as an Alternative Treatment for Honey Bee Mites - 39

Food Grade Mineral Oil (FGMO) for Mite Control, More About - 207

Food Grade Mineral Oil-Thymol Widen Alternatives for Honey - 72

Formulas for Beekeeping - 185 Fringe Factor, The - 483

Great Changes Underway for U.S. Honey Imports - 102

Handling Neighbors' Complaints - 136, 231 Honey Bee Biology - 42, 121, 210, 292, 377, 456, 555, 621, 707, 791, 860, 956

Honey Bee Situation in Central Europe During 2002 and 2003, The - 959 Honey Production Advice - 143

House Apiary, The - 558

How Many Bees Are in Your Hive? - 183 How Not to Move Bees - 280

How to Overwinter Small Hives Successfully

How We Produce Great Honey Crops - Part 6 - 34; Part 7 - 205; Part 8 - 305; Part 9 - 380 Hunter's Honey Farm Diversifies for Success - 701

Integrated Pest Management Combined with Mite Resistant Queens to Combat Acaricide-Resistant Varroa - 672 Interview with Roxanne Quimby of Burt's Bees, An - 863

Johnston Honey-It's "Doctor Recommended" Juniper Hill Plan for Comb Honey

Production, The - 285

In the South-January - 62; May - 375

Juniper Hill Plan for Comb Honey Production, The - 285

L

Langstroth and the Origin of the "Bee Space" - 811

Letters to the Editor - 8, 89, 169, 256, 345, 432, 507, 592, 672, 752, 840, 921 Local Honey Marketing for a Small or Sideline Honey Business - 894

M

Madame Beeinov Reveals: The Secrets of Requeening - 196

Make the Most of Your November Downtime - 869

Malta, Isle of the Knights, Island of Honey -

MarketPlace - 70, 149, 237, 326, 494, 570, 654, 734, 822, 902, 986

Mean Scarecrow, The - 772

Mesquite: A Major Southwestern Honey Plants - 46

Message from the Chairman of the National Honey Board, A - 934

Moore Produces and Promotes Idaho's Other Crop, Chad - 303 Multi-Functional "Hot" Room - 769

N

New Cuisine Wins Rave Reviews From Honey Bees - 368

Newsnotes - 13, 93, 172, 263, 348 437, 515, 595, 675, 755, 843, 924

New Cuisine Wins Rave Reviews From Honey Bees - 368

New Trends in IPM- 297

Nicaragua and Organic Honey - 549 No Mess Hobby Honey Extraction - 447 North Carolina Beekeeper Diversifies for Success - 370

North Dakota Beekeepers-Alan and JoAnn King - 29

Nutt's Collateral Hive, Thomas - 719

0

Octagonal Hives - 881 Ode to *Galleria mellonella* - 692 Old Geezer's Guide to Keeping Bees, The -809

Optimizing Royal Jelly Production - 221 Organic Honey in the United States - 685 Other Side of Beekeeping, The - 48, 803, 886, 963

P

Pesticide Colony Losses - 309
Pesticide Label as the Law?, The - 732
Plants for a Bee Garden, More - 300
Pollen and the Honey Bee - 394
Preparing Honey Bee Colonies for a Period
of Dormancy and Cold Weather - 891
Principles of Successfully Overwintering

Principles of Successfully Overwintering Honey Bees: An Examination of Colony Weight Losses During Ten Winters in Southern Ontario, The - 876

Proceedings of the North American Apicultural Research Symposium - 317 Producing Honey Comb - 605 Professor Harry Hyde Laidlaw, Jr. 1907-

2003—A Tribute - 941

Q

Queen Excluder, The - 20 Queen Rearing Essentials - 283

Questions and Comments From Fourth and Fifth Grade Children "Kids Say the Darnest Things" - 975 R

Really Raw Honey Is Different - 618

Royal Jelly-A Miraculous Product From the Hive? - 647 Royal Jelly and Human Health - 398

.

Sages as Honey Plants, The - 225 Saving a Feral Colony - 697 School Dazzzed Again - 607 Short Season Spring Management - 105 Sioux Honey Lands NASCAR Star Petty - 867

Skep Hive Innovations - 362
Solar Heating of Honey Ree Colonies (Ani

Solar Heating of Honey Bee Colonies (Apis melifera L.) During the Subtropical Winter and its Impact on Hive Temperature, Worker Population and Honey Production - 565

Spinning the Honey Cappings - 543 Sumacs as Honey Sources, The - 553 Summary of Honey Research and Promotion Continuance Referendum - 895 Swarm Prevention Using the Demaree

Method - 358

T

Tales from the Lonesome Hive - 445, 695 Taxes for Beekeepers - 273

Today's Beekeeping Problems-Many Are Beekeeper Initiated - 533

Trapping Small Hive Beetles (Coleoptera: Nitidulidae) Inside Colonies of Honey Bees (Hymenoptera: Apidae) - 405

Turner: Contributions of a Forgotten African American to Honey Bee Research, Charles Henry - 643 Turning Your Beeswax Into High Profit

Products - 781

Two Bee Forage Possibilities: Penstemon and Phacelia - 472

u

United States 2002 Honey Production Down 8 Percent - 269

U.S. Honey Exports to Iraq and Other Mideast Markets May Flourish - 897
Use of Sucrose Octanoate Esters to Control

Use of Sucrose Octanoate Esters to Control the Parasitic Honey Bee Mite Varroa destructor - 982

V

Varroa Control with Fungal Pathogens - 817
Varroa Infestation Levels of Honey Bee
Colonies During the Fifth Year of a
Breeding Program: Report for 2001 - 423
Varroa Infestation Levels and Honey Bee
Colony Characteristics in the Final Year of

a Breeding Program - 798

w

Webbs of Georgia, The - 947

When Does Bee Equipment Become Fire Kindling? - 109

Winter Losses - 145

World Honey Market, The - 17, 98, 179, 270, 354, 441, 520, 600, 681, 763, 849, 930

World Honey Prices Bolstered by Smaller 2002 Production, U.S. Antidumping Tariffs and Fears About Contaminated Chinese Honey - 523

World of GMO's: How it Relates to Beekeeping, The - Part 1-289, Part 2-390, Part 3-480, Part 4-636, Part 5-717



Journal Staff would like to wish

all of our readers and their families a Happy Holiday and best wishes for health, happiness, and joy for the upcoming year.

norta Menn

Amy Leebold

Beluke

